

*A Partnership Including
Professional Corporations*
2049 Century Park East
Suite 3400
Los Angeles, CA 90067-3208
310-277-4110
Facsimile 310-277-4730
www.mwe.com

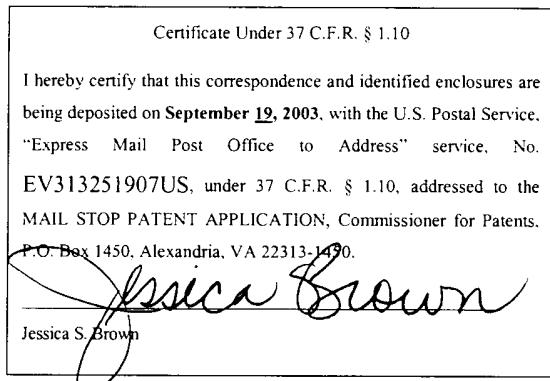
Boston
Chicago
Düsseldorf
London
Los Angeles
Miami
Munich
New York
Orange County
San Diego
Silicon Valley
Washington, D.C.

U.S. PTO
10/664549
09/19/03

McDERMOTT, WILL & EMERY

Marc E. Brown
Attorney at Law
meb@mwe.com
310-788-1569

September 19, 2003



MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Client: Alfred E. Mann Institute for Biomedical Engineering at the University of Southern California
Matter No. 64693-078
U.S. Patent Application
Title: VENTILATION AND VOLUME CHANGE MEASUREMENTS USING PERMANENT MAGNET AND MAGNET SENSOR AFFIXED TO BODY
Inventor: Stanley M. Yamashiro

Subject: Transmitting Patent Application for Filing

Dear Sir or Madam:

We enclose for filing the patent application of:

Inventor: Stanley M. Yamashiro

For: VENTILATION AND VOLUME CHANGE MEASUREMENTS USING PERMANENT MAGNET AND MAGNET SENSOR AFFIXED TO BODY

This applicant claims Small Entity Status. See 37 C.F.R. 1.27.

The application includes:

- Cover + 23 pages of specification, claims, and abstract

Commissioner for Patents
September 19, 2003
Page 2

- Twenty-seven (27) sheet(s) of drawings (Figures 1-9)
- Declaration and Petition executed by applicant
- Assignment executed by inventor

The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	Small Entity RATE	AMOUNT
Total Claims	35	-20	15	\$9.00	135.00
Independent Claims	8	-3	5	\$42.00	210.00
Multiple Dependent Claim(s)					0.00
Basic Fee					375.00
Total of Above Calculations					.00
Total Fee					\$720.00

Please charge my Deposit Account No. 501946 in the amount of \$720. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501946. A duplicate copy is enclosed.

Any additional filing fees required under 37 CFR 1.16.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 510946. A duplicate copy of this sheet is enclosed.

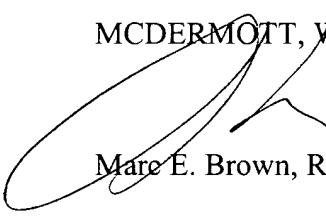
Any patent application processing fees under 37 CFR 1.17.

Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Please stamp the filing date on the enclosed postcard and return it to us.

Respectfully submitted,

MCDERMOTT, WILL & EMERY


Mare E. Brown, Registration No. 28,590

2049 Century Park East, Suite 3400
Los Angeles, CA 90067
Telephone: (310) 277-4110 / Facsimile: (310) 277-4730
Date: September 19, 2003